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1989

# The Two Hundred and Sixty-First Report of the Curricular Affairs Committee

University of Rhode Island Faculty Senate

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THE UNIVERSITY OF RHODE ISLAND  
Kingston, Rhode Island

FACULTY SENATE  
BILL

Adopted by the Faculty Senate

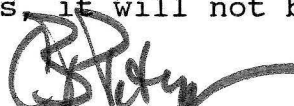
TO: President Edward D. Eddy

FROM: Chairperson of the Faculty Senate

1. The attached BILL, titled The Two Hundred and Sixty-First Report of the Curricular Affairs Committee, is forwarded for your consideration.
2. The original and two copies for your use are included.
3. This BILL was adopted by vote of the Faculty Senate on September 21, 1989.  
(date)
4. After considering this bill, will you please indicate your approval or disapproval. Return the original or forward it to the Board of Governors, completing the appropriate endorsement below.
5. In accordance with Section 10, paragraph 4 of the Senate's By- Laws, this bill will become effective October 12, 1989, three weeks after Senate approval, unless: (1) specific dates for implementation are written into the bill; (2) you return it disapproved; (3) you forward it to the Board of Governors for their approval; or (4) the University Faculty petitions for a referendum. If the bill is forwarded to the Board of Governors, it will not become effective until approved by the Board.

September 22, 1989

(date)



C. B. Peters

Chairperson of the Faculty Senate

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ENDORSEMENT

TO: Chairperson of the Faculty Senate

FROM: President of the University

Returned.

- a. Approved ✓.
- b. Approved subject to final approval by Board of Governors \_\_\_\_\_.
- c. Disapproved \_\_\_\_\_.

10/6/89  
(date)

  
President

THE UNIVERSITY OF RHODE ISLAND  
Kingston, Rhode Island

FACULTY SENATE

May 23, 1989

The Two Hundred and Sixty-First Report  
of the Curricular Affairs Committee

At its meeting of May 15, 1989, the Curricular Affairs Committee  
considered the following matters now presented to the Faculty Senate.

S E C T I O N I

Informational Matters

A. College of Arts and Sciences

Department of Computer Science and Statistics

ADD: CSC 101X Introduction to Personal Computers (I or  
II, 3) Instruction in word processing, spread-  
sheets, database management, and programming.  
Survey of programming languages and computer  
applications. Choosing a microcomputer. Comple-  
tion of several projects using a microcomputer.  
(Lec. 3) Not for major credit in computer  
science. Staff

B. College of Engineering

Department of Civil and Environmental Engineering

CHANGE: Description for CVE 304:

CVE 304 Introduction to Professional Practice  
I (I, 1) Introduction to comprehensive  
design project with speakers and field trips  
related to professional practice. (Lab. 3)  
Required of all civil engineering students in  
their junior year. Staff

C. College of Resource Development

Department of Fisheries, Animal and Veterinary Science

CHANGE: Expiration for AVS 333X to permit a third  
offering in the fall of 1989.

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## SECTION II

## Curricular Matters Which Require Confirmation by the Faculty Senate

## A. College of Engineering

## Department of Mechanical Engineering and Applied Mechanics

- a. CHANGE: Credits, description and method of instruction for MCE 220:

MCE 220 Computer Graphics in Mechanical Engineering (I, 3) Introduction to the principles of graphic representation in mechanical design with emphasis on computer-aided drafting using commercially available software. Computer-assisted problem solving, including plotting. (Lec. 2, Lab. 3) Pre: CSC 201, MTH 142. Olson

- b. CHANGE: Requirements for the B. S. Degree in Mechanical Engineering effective for the class of 1993:

## FIRST YEAR (34 credits)

First semester: CHM 101 (3), 102 (1); CSC 201 (3); ECN 125 (3); MTH 141 (4); General Education requirement (3).  
Second semester: MTH 142 (4); MCE 162 (3); PHY 213 (3), 285 (1); General Education requirements (6).

## SECOND YEAR (34 credits)

First semester: CVE 220 (3); MCE 220 (3), 263 (3); MTH 243 (3); PHY 214 (3), 286 (1).  
Second semester: MTH 244 (3); ELE 220 (3); MCE 323 (3); PHY 341 (3); General Education requirements (6).

## THIRD YEAR (33 credits)

First semester: CHE 333 (3); ELE 221 (3); MCE 341 (3), 372 (3); General Education requirement (3).  
Second semester: MCE 317 (3), 342 (3), 354 (3), 366 (3) 373 (3); General Education requirement (3).

## FOURTH YEAR (36 credits)

First semester: IME 440 (3); MCE 318 (3), 423 (3), 448 (3); Professional electives (6).

Second semester: MCE 429 (3), 430 (3); Professional electives (6); General Education requirement (3); free elective (3).

Total credits required: 137

- c. CHANGE: Requirements for the B. S. Degree in Mechanical Engineering (Ocean Option) effective for the class of 1993:

## FIRST YEAR (34 credits)

First semester: CHM 101 (3), 102 (1); CSC 201 (3); ECN 125 (3); MTH 141 (4); General Education requirement (3).  
Second semester: MTH 142 (4); MCE 162 (3); PHY 213 (3), 285 (1); General Education requirements (6).

## SECOND YEAR (34 credits)

First semester: CVE 220 (3); MCE 220 (3), 263 (3); MTH 243 (3); PHY 214 (3), 286 (1).  
Second semester: MTH 244 (3); ELE 220 (3); MCE 323 (3); PHY 341 (3); General Education requirements (6).

## THIRD YEAR (36 credits)

First semester: CHE 333 (3); ELE 221 (3); MCE 341 (3), 372 (3); General Education requirements (6).  
Second semester: MCE 317 (3), 342 (3), 354 (3), 366 (3) 373 (3); General Education requirement (3).

## FOURTH YEAR (36 credits)

First semester: IME 440 (3); MCE 410 (3), 423 (3), 448 (3), 401 (3); PHY 425 (3).  
Second semester: MCE 429 (3), 430 (3), 402 (3); Professional elective (3); General Education requirement (3); free elective (3).

Total credits required: 140

## B. College of Human Science and Services

## Program in Consumer Affairs

DELETE: CNS 341 Seminar in Home Management (II, 3)

C. College of Nursing

ADD: NUR 280 Nursing Practice Seminar (SS, 3) Seminar in conjunction with and an integral part of, a full-time summer clinical internship in an acute care setting. Emphasis on application of nursing process to professional practice. (Sem. 3) Pre: 220, 230, 235 or equivalent. May be repeated once. S/U only. Bartlett

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SECTION III

Joint Report of the Curricular Affairs Committee  
and Graduate Council on 400-Level Courses

At the Curricular Affairs Committee's meetings of March 27 and May 15, 1989 and the Graduate Council's meetings of January 20 and April 21, 1989, the following matters were considered and are now presented to the Faculty Senate.

A. Informational Matters

1. College of Arts and Sciences

a. Department of Music

CHANGE: Prerequisite for MUS 420 and MUS 423 to "Pre: Completion of piano proficiency examination."

b. Department of Zoology

CHANGE: Description, method of instruction and prerequisite for ZOO 442:

ZOO 442 Mammalian Physiology (II and SS, 3) Intensive study of the physiological mechanisms that regulate the animal body and its organ systems. Emphasis on knowledge obtained from experimental physiology. Class discussion of applied physiology. (Lec. 2, Rec. 1) Pre: 121, 242, and 244 or equivalent. Hill

2. College of Engineering

Department of Civil and Environmental Engineering and  
Department of Ocean Engineering

CHANGE: Description for CVE 483 and cross-list as follows:

CVE 483 (or OCE 483) Foundation Engineering (II, 3) Applications of geotechnical engineering principles to analysis and design of shallow foundations. Topics include foundation types, bearing capacity, settlement analysis, shallow foundations, earth pressures, retaining walls, introduction to deep foundations. (Lec. 3) Pre: 381. Kovacs, Silva, Veyera

B. Curricular Matters Which Require Confirmation by the Faculty Senate

1. College of Business Administration

Department of Finance and Insurance

ADD: The following courses:

- a) FIN 411 Capital Budgeting and Capital Structure Management (I or II, 3) Examination of the determinants of long-run financial success of firms. The capital budgeting process is linked to capital structure management. (Lec. 3) Pre: 301. Staff
- b) INS 440 Group Insurance and Pension (I or II, 3) Analysis of group insurance and pension responsibilities. Discussion of defined benefit and defined contribution plans. (Lec. 3) Pre: 301 or permission of instructor. Staff

2. College of Engineering

Department of Mechanical Engineering and Applied Mechanics

ADD: MCE 437 Turbomachinery Design (I, 3) Application of the principles of thermodynamics and fluid mechanics to the design of rotating machinery such as turbines, compressors, centrifugal and axial flow pumps. (Lec. 3) Pre: 341, 354. Hagist and Lessmann